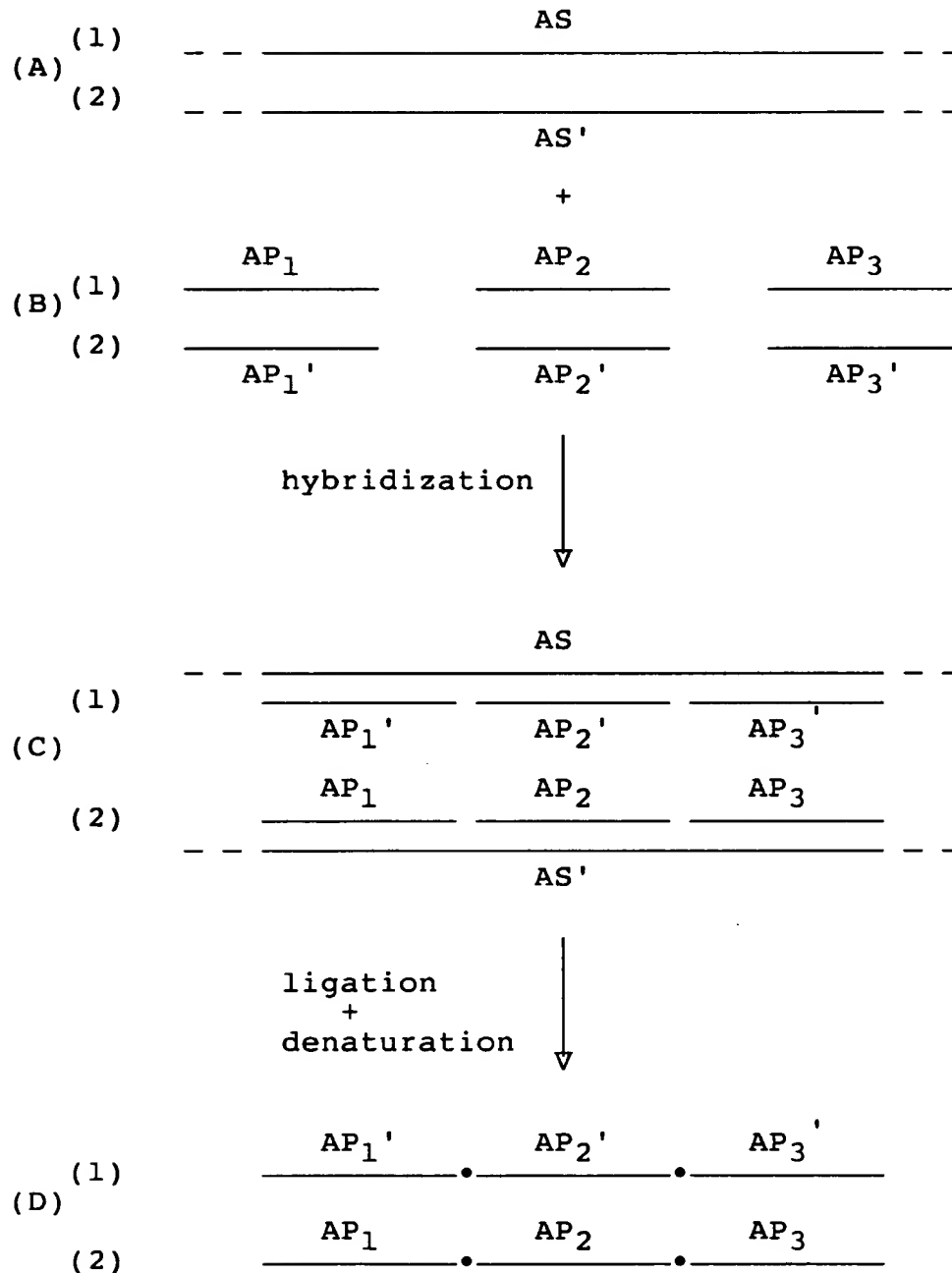


FIG. 1

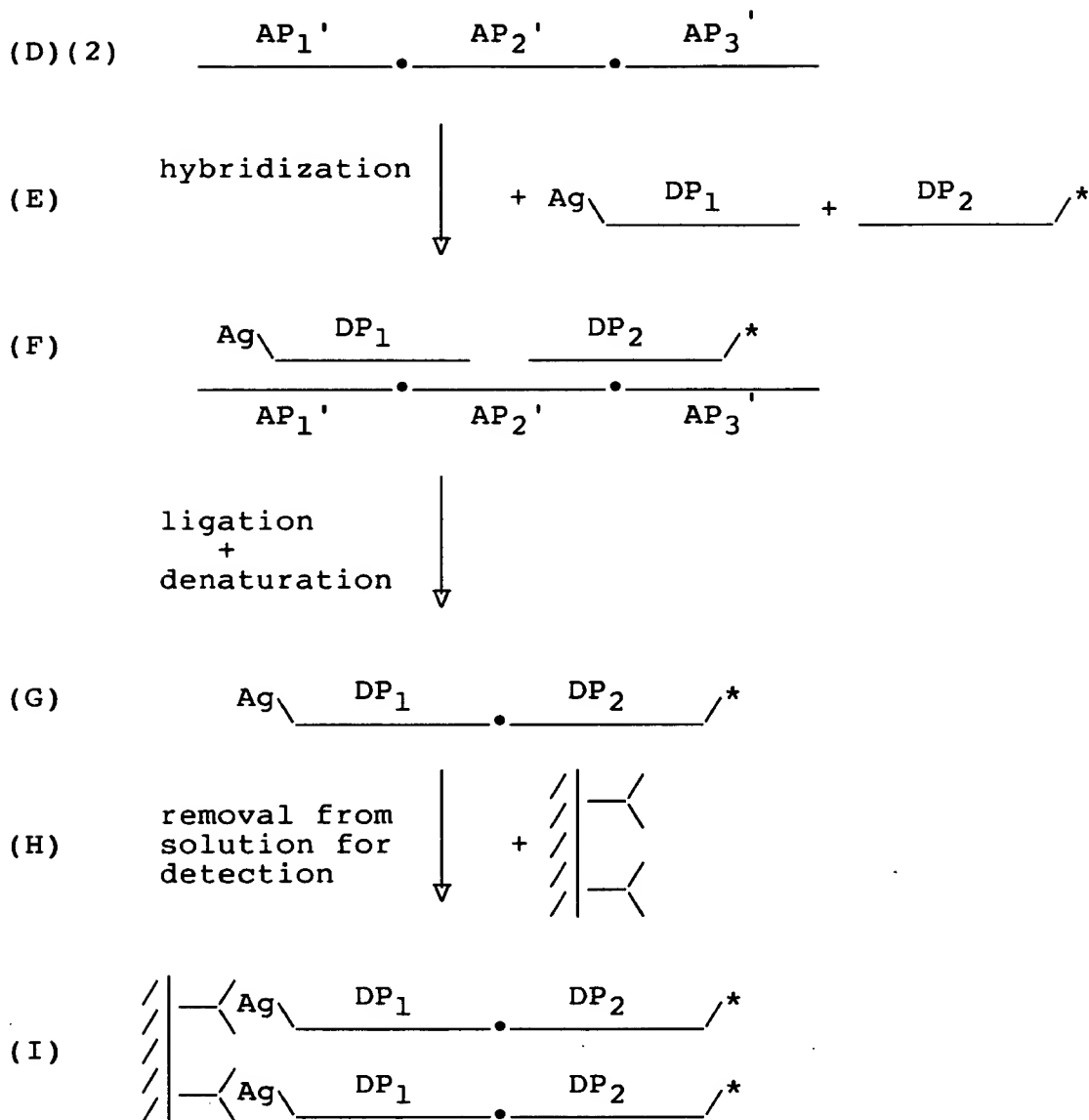
Amplification Procedure



WHEREIN:

AS and AS' = amplification sequence
 AP and AP' = amplification probes

FIG. 2
Detection Procedure

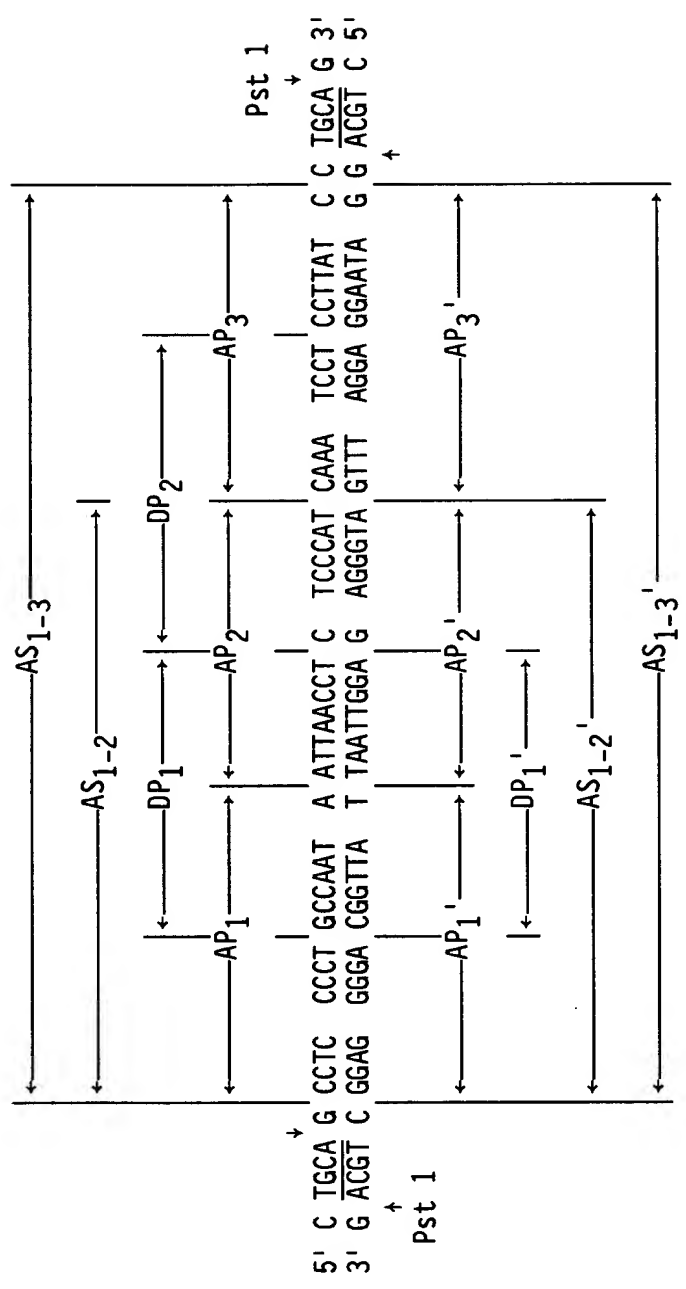


WHEREIN:

AP' = amplification probe segment
 DP = detection probe
 Ag = antigen
 * = detectable label
 /| = insoluble support
 —| = antibody

FIG. 3

Nucleotide Sequences Used in Examples 2-8

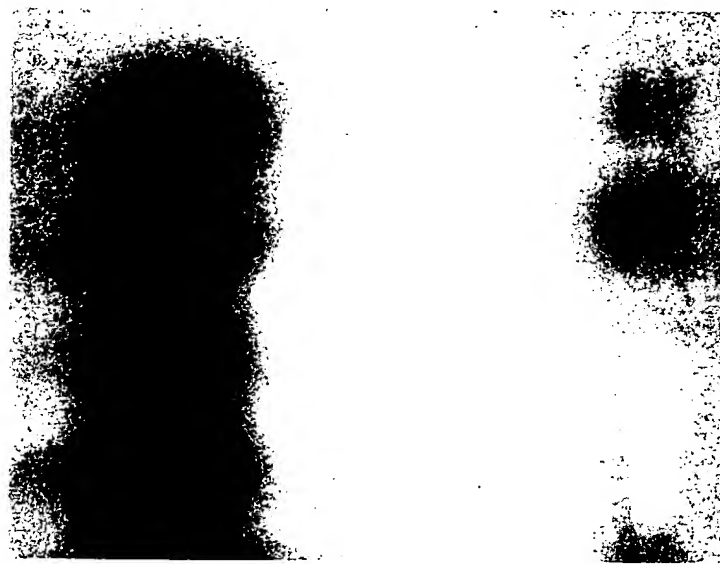


WHEREIN:

- AS₁₋₃ and AS₁₋₃' = target sequences in Examples 4-6
- AS₁₋₂ and AS₁₋₂' = target sequences in Examples 2, 3, and 8
- AP₁, AP₁', AP₂, AP₂', AP₃, and AP₃' = amplification probes in Examples 4-5
- AP₁, AP₁', AP₂, and AP₂' = amplification probes in Examples 2-3
- DP₁, and DP₂ = detection probes in Example 6
- DP₁' = detection probe in Example 8

FIG. 4

Amplification of 30-mer Amplification Sequence
Using Two Pairs of Amplification Probes
and 10 Cycles of Amplification

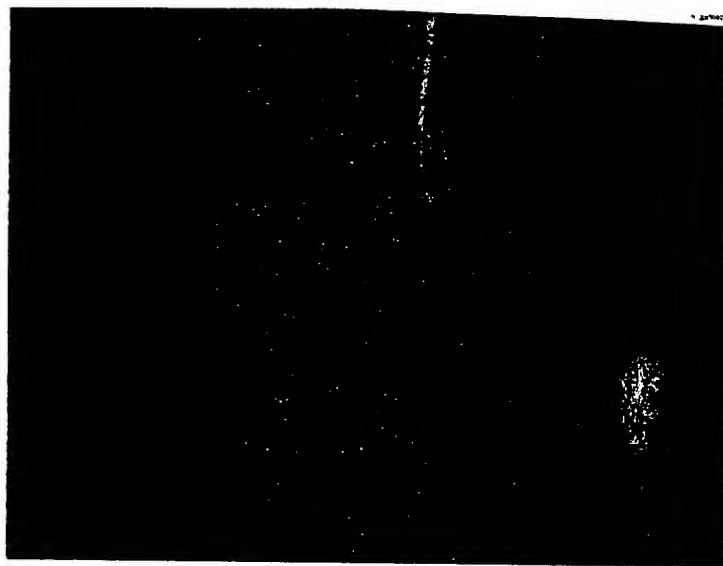


Reaction I

Reaction II

FIG. 5

Amplification of 45-mer Amplification Sequence
Using Three Pairs of Amplification Probes
and 10 Cycles of Amplification



Reaction I

Reaction II

FIG. 6

Detection of 30-mer Amplification Product Using
One Labeled and One Non-labeled Detection Probe

